

SPECIFICATION AMENDMENTS:

Please amend paragraph [0010] that appears on page 5, lines 9-23, of the specification to read as follows:

-- [0010]

Fig. 1 is a plan view illustrating an embodiment of the apparatus for measuring sizes of articles and Fig. 2 is a side view thereof. Fig. 3 is a cross sectional view of the measuring apparatus wherein a part of a front portion is cut out. On a top portion of a housing 1 is arranged a transparent glass plate 2 on which an article W to be measured is placed, and an operation panel 3 is provided on a front portion of the housing 1. On the top portion of the housing 1, there is arranged a frame 4 including an upper horizontal portion 4a, a lower horizontal portion 4b (not shown in Fig. 1, but shown in Fig. 3) and upright posts 4c extending upright on both sides of glass plate 2. The frame 4 is movable back and forth in the X direction with respect to the glass plate 2. --

Please amend the Abstract that appears on page 18 of the application to read as follows:

-- Abstract of the Disclosure

An apparatus for measuring sizes of articles including a light projecting device for projecting light toward an article placed on a stationary transparent plate from one side of the plate, a photo-sensor device arranged on the other side of the plate and having plural photo-detectors arranged in array in Y direction to receive light projected from the said light projecting device and impinging upon the photo-sensor device without being interrupted by the article, a

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driving device for reciprocally moving the said light projecting device and photo-sensor device relative to the article in X direction perpendicular to the Y direction, and a shifting device for shifting the said photo-sensor device in the Y direction between first and second positions which are mutually separated by a half of a photo-detector array. ~~During a forward movement of the light projecting device and photo-sensor device, the photo-detectors is shifted into the first position, and during a backward movement of the light projecting device and photo-sensor device, the photo-detectors are shifted into the second position. By processing output signals generated from said photo-detectors during forward and backward movements, a size of the article in the Y direction can be measured with a high resolution equal of a half of the photo-detector array pitch. --~~

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